



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Eric A. Jacobsen

Title: SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION  
MULTIPLEXED SIGNALS

Docket No.: 884.427US1

Serial No.: 09/852,376

Filed: May 10, 2001

Due Date: June 1, 2005

Examiner: Anh-Vu H. Ly

Group Art Unit: 2667

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard.
- An Amendment and Response ( 9 Pages).
- Petition for Extension of Time (1 pg.)
- Permission to charge Deposit Account No.19-0743 in the amount of \$1020.00 to cover the Extension of Time Fee.

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By: Ann M. McCrackin.

Atty: Ann M. McCrackin

Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 1st day of June, 2005.

Name

Amy Moriarty

Signature

Amy Moriarty

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)